



2012

# Baltimore Metro Annual HIV Epidemiological Profile

# **2012 Baltimore Metro Annual HIV Epidemiological Profile**

**Data reported through December 31, 2013**

**Center for HIV Surveillance, Epidemiology and Evaluation  
Infectious Disease Bureau  
Prevention and Health Promotion Administration  
Maryland Department of Health and Mental Hygiene  
<http://phpa.dhmf.maryland.gov/oideor/chse>  
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## Section I – Background Information

### HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in COMAR 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing DHMH Form 1140. Reports are also accepted by phone.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department by mailing DHMH Form 1140. Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing DHMH Form 1140. Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the State Health Department to establish electronic reporting.
- Laboratory directors are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland State Health Department, by mailing DHMH Form 4492. Laboratories are encouraged to contact the State Health Department to establish electronic reporting.

Reporting forms and instructions are available on our website:

<http://phpa.dhmh.maryland.gov/oideor/chse/sitepages/reporting-material.aspx>

### For Assistance with HIV/AIDS Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene at 410-767-5061.

### Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis. Nationally, it has been estimated that 14% of people living with HIV infection are undiagnosed. In addition, despite a massive effort during which over 17,000 HIV cases were reported after the Maryland HIV reporting law changed on April 24, 2007, not all diagnosed HIV cases previously reported by Maryland's code-based identifier were located and re-reported by name. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an under-reporting of HIV diagnoses before 2001 and an over-reporting of HIV diagnoses from 2001 to 2008. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in the number of reported HIV diagnoses.

It is important to note that HIV surveillance is the ongoing systematic collection, analysis, interpretation, and dissemination of HIV disease data. Furthermore, laboratory data are only available for cases receiving medical care, usually only at facilities in Maryland, and only includes test results that have been reported to the health department. Linkage to care data is based solely on laboratory data reported to the health department.



### **Stages of a Case of HIV/AIDS**

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

A case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, and years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would probably be many years after the initial HIV infection [time point 1].

### **Changes in Case Terminology**

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old cases. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one year lag allows for delays in reporting and time to complete investigations. For example, the Reported HIV Diagnoses for 2012 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2012-12/31/2012, as reported by name through 12/31/2013.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 12/31/2012 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2012 as reported by name through 12/31/2013.

### **Laboratory Data**

CD4+ T-lymphocyte tests are measures of a person's immune system function. An HIV infected adult is considered to have AIDS if they have less than 200 CD4 cells per microliter of blood. Viral load (VL) tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Treatment recommendations are that a person in HIV medical care should have their CD4 and VL levels measured at least 2-3 times per year. We use the presence of these lab tests as an indicator that someone has been "linked to care" after diagnosis or is "in care".

### **Sources of Data**

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health and Mental Hygiene's Enhanced HIV/AIDS Reporting System (eHARS), December 31, 2013.

Population data by sex, age, and race are from the July 1, 2012 U.S. Census Estimates and by country-of-birth from the 2012 American Community Survey (note the differences in total population due to different sources). Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

### **Tabulation of Column Totals**

Figures in tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

### **Data Suppression**

In order to protect the confidentiality of reported HIV cases, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than 5 cases.
- All exposure/risk information if it is describing less than 5 cases, except in the case of "other" exposure.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

### **On-line Mapping Tool**

Please visit the Maryland Department of Health and Mental Hygiene's website at <http://phpa.dhmh.maryland.gov/oideor/chse> to create your own maps of adult/adolescent HIV rates by jurisdiction of residence, subset them by sex at birth and race/ethnicity, zoom in to the jurisdiction level, plot the locations of HIV testing sites, and print out your custom map.

### **HIV Exposure Categories**

The Centers for Disease Control and Prevention (CDC) developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Men who have sex with men and report injection drug use constitutes a separate transmission category.

**MSM (Men who have Sex with Men):** Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

**Injection Drug Use (IDU):** Men or women who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

**MSM/IDU:** Men who report a history of sexual contact with other men who also have engaged in injection drug use.

**Heterosexual Exposure (HET):** Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

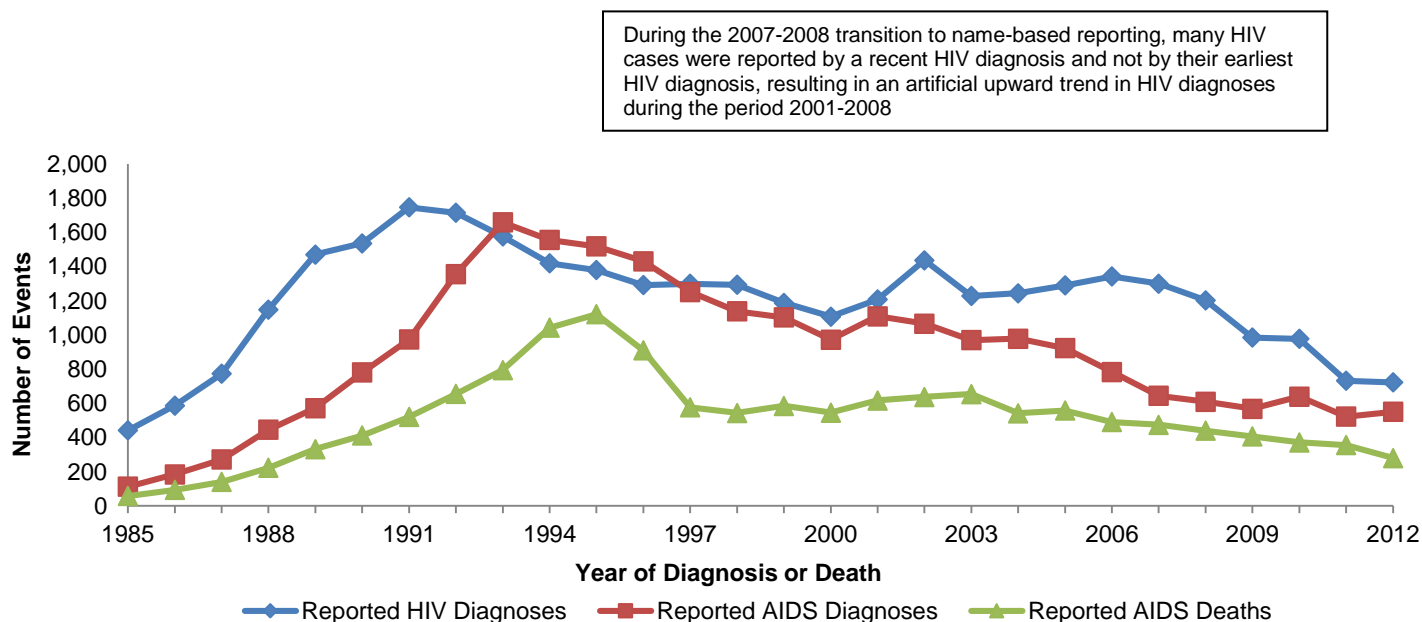
**Perinatal Exposure:** Any baby born to an HIV positive mother.



## Section II – Trends 1985-2012

**Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2012, Reported through 12/31/2013**

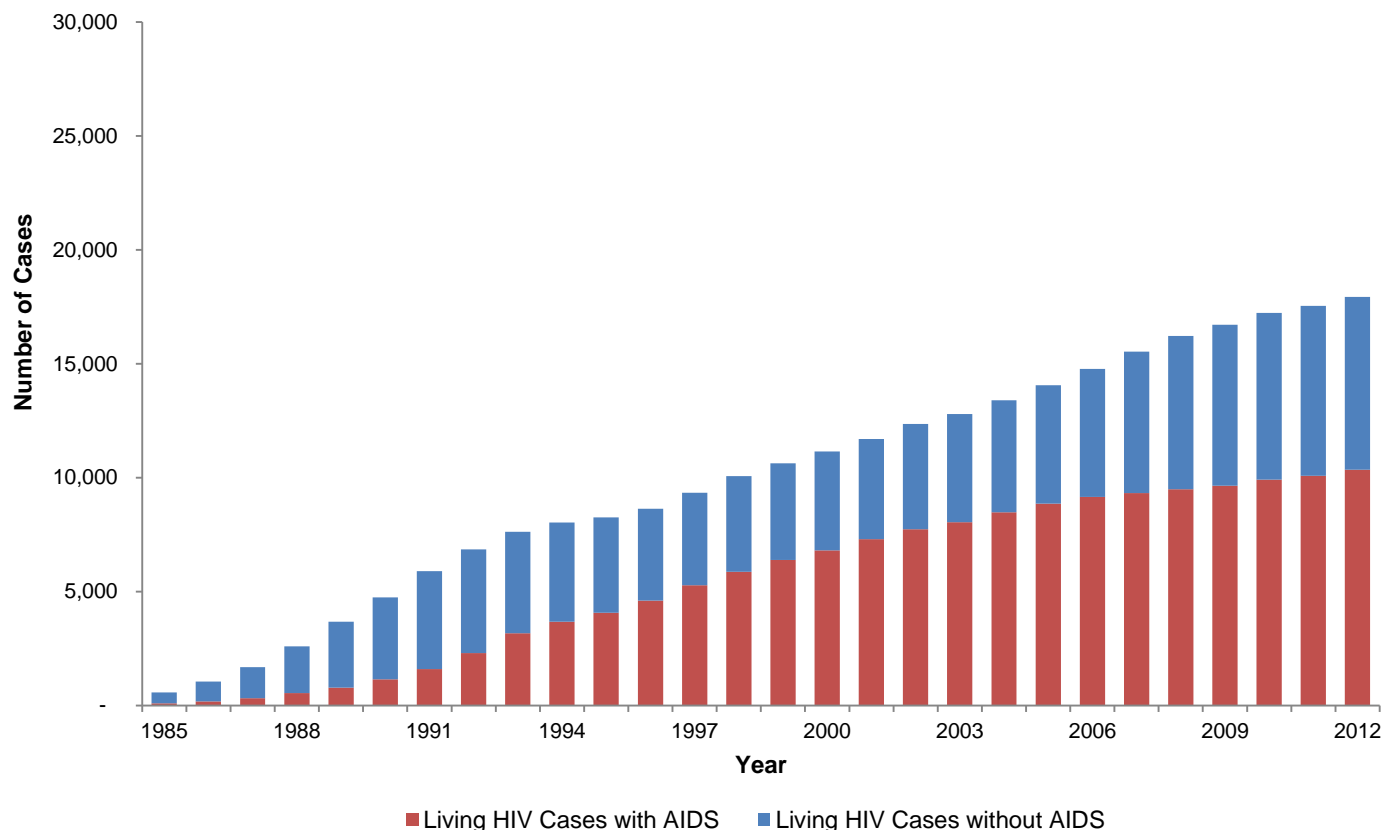
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnoses) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2012 as Reported through 12/31/2013



YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	223	76	35	1999	1,188	1,103	585
1985	442	113	58	2000	1,108	973	546
1986	587	185	94	2001	1,208	1,110	617
1987	774	272	141	2002	1,437	1,067	638
1988	1,149	446	223	2003	1,229	970	655
1989	1,471	572	333	2004	1,245	979	542
1990	1,537	781	412	2005	1,290	923	558
1991	1,747	974	521	2006	1,343	784	491
1992	1,715	1,357	656	2007	1,301	644	475
1993	1,577	1,659	795	2008	1,203	610	440
1994	1,420	1,556	1,043	2009	985	569	407
1995	1,380	1,519	1,122	2010	978	640	372
1996	1,292	1,432	910	2011	732	523	356
1997	1,300	1,252	577	2012	723	551	280
1998	1,294	1,139	544	TOTAL	33,878	24,779	14,426

**Figure 2 – Trends in Living HIV Cases, 1985-2012, Reported through 12/31/2013**

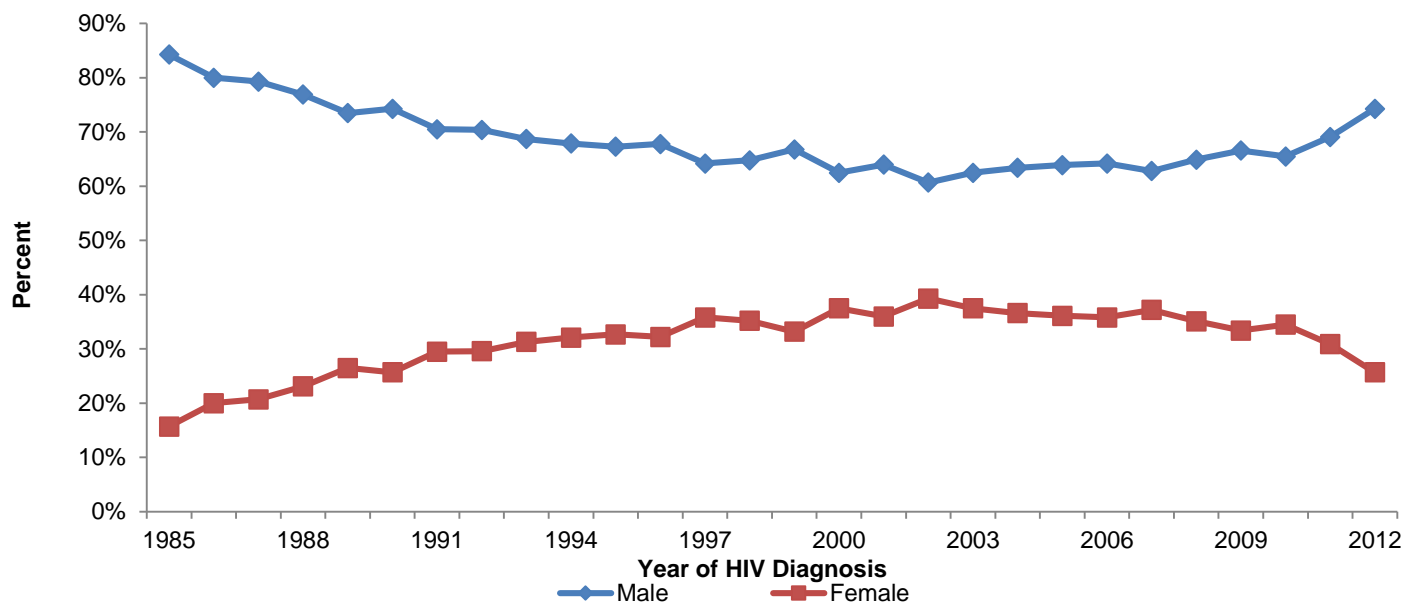
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31<sup>st</sup> of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2012, as Reported through 12/31/2013



YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases	YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases
1985	474	96	570	1999	4,244	6,389	10,633
1986	869	187	1,056	2000	4,339	6,816	11,155
1987	1,365	319	1,684	2001	4,395	7,309	11,704
1988	2,051	542	2,593	2002	4,623	7,738	12,361
1989	2,903	781	3,684	2003	4,740	8,053	12,793
1990	3,599	1,150	4,749	2004	4,911	8,490	13,401
1991	4,291	1,603	5,894	2005	5,199	8,857	14,056
1992	4,544	2,304	6,848	2006	5,632	9,151	14,783
1993	4,457	3,168	7,625	2007	6,218	9,320	15,538
1994	4,348	3,682	8,030	2008	6,727	9,490	16,217
1995	4,186	4,079	8,265	2009	7,064	9,652	16,716
1996	4,038	4,601	8,639	2010	7,315	9,920	17,235
1997	4,069	5,276	9,345	2011	7,459	10,087	17,546
1998	4,195	5,871	10,066	2012	7,574	10,358	17,932

**Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2012, Reported through 12/31/2013**

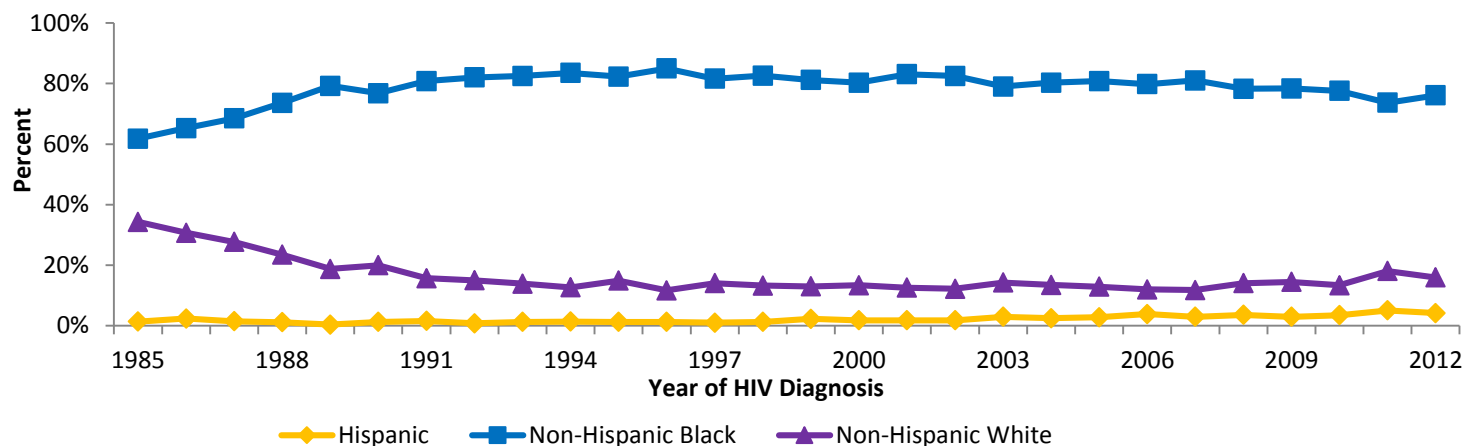
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses			YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses		
	No.	% Male	% Female		No.	% Male	% Female
<1985	219	85.8%	14.2%	1999	1,173	66.8%	33.2%
1985	434	84.3%	15.7%	2000	1,099	62.5%	37.5%
1986	579	80.0%	20.0%	2001	1,199	64.0%	36.0%
1987	758	79.3%	20.7%	2002	1,430	60.7%	39.3%
1988	1,126	76.9%	23.1%	2003	1,227	62.5%	37.5%
1989	1,443	73.5%	26.5%	2004	1,240	63.4%	36.6%
1990	1,498	74.3%	25.7%	2005	1,289	63.9%	36.1%
1991	1,711	70.5%	29.5%	2006	1,338	64.2%	35.8%
1992	1,671	70.4%	29.6%	2007	1,266	62.8%	37.2%
1993	1,532	68.7%	31.3%	2008	1,195	64.9%	35.1%
1994	1,391	67.9%	32.1%	2009	979	66.6%	33.4%
1995	1,360	67.3%	32.7%	2010	976	65.5%	34.5%
1996	1,271	67.8%	32.2%	2011	729	69.1%	30.9%
1997	1,289	64.2%	35.8%	2012	721	74.3%	25.7%
1998	1,278	64.8%	35.2%	TOTAL	33,421	68.0%	32.0%

**Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2012, Reported through 12/31/2013**

Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013

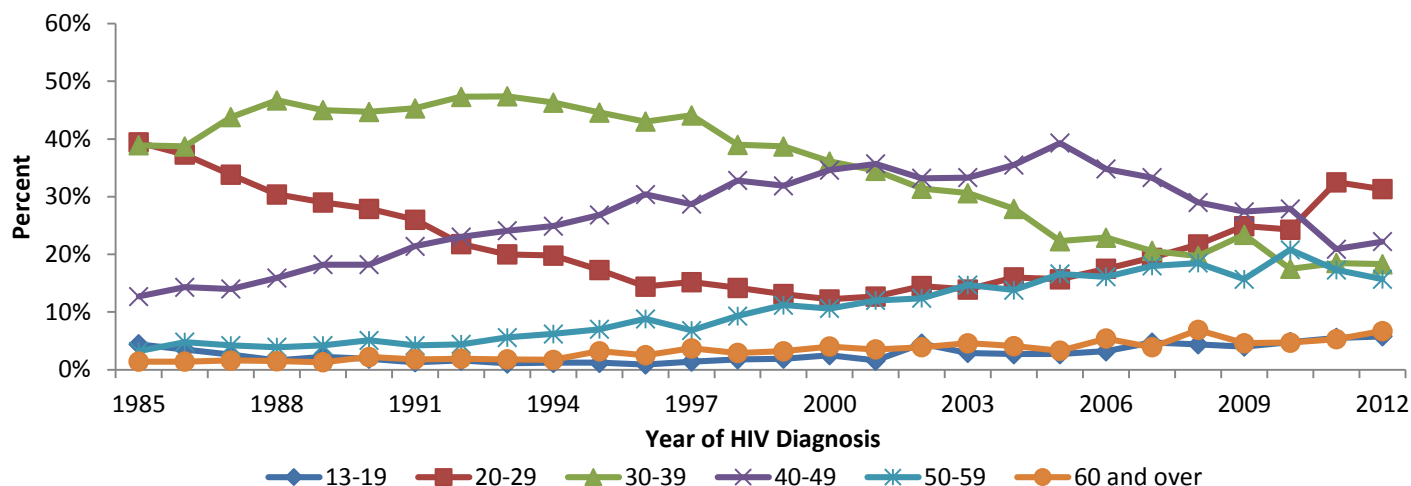


Non-Hispanic Other race not shown

YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	219	2.3%	53.9%	41.6%	2.3%
1985	434	1.4%	61.8%	34.3%	2.5%
1986	579	2.4%	65.3%	30.7%	1.6%
1987	758	1.5%	68.5%	27.7%	2.4%
1988	1,126	1.2%	73.6%	23.5%	1.7%
1989	1,443	0.4%	79.2%	18.8%	1.5%
1990	1,498	1.3%	76.8%	20.0%	1.9%
1991	1,711	1.6%	80.8%	15.7%	1.9%
1992	1,671	0.8%	82.0%	15.0%	2.2%
1993	1,532	1.3%	82.5%	13.9%	2.3%
1994	1,391	1.4%	83.5%	12.7%	2.3%
1995	1,360	1.3%	82.3%	14.9%	1.5%
1996	1,271	1.3%	85.0%	11.7%	2.0%
1997	1,289	1.0%	81.6%	14.1%	3.3%
1998	1,278	1.3%	82.6%	13.3%	2.8%
1999	1,173	2.3%	81.2%	13.0%	3.5%
2000	1,099	1.8%	80.3%	13.4%	4.5%
2001	1,199	1.8%	83.1%	12.6%	2.6%
2002	1,430	1.8%	82.5%	12.2%	3.4%
2003	1,227	3.0%	79.0%	14.3%	3.7%
2004	1,240	2.5%	80.3%	13.5%	3.7%
2005	1,289	2.8%	80.8%	12.9%	3.6%
2006	1,338	3.9%	79.8%	12.0%	4.3%
2007	1,266	3.0%	81.0%	11.8%	4.3%
2008	1,195	3.6%	78.3%	14.1%	3.9%
2009	979	3.0%	78.4%	14.5%	4.1%
2010	976	3.5%	77.6%	13.4%	5.5%
2011	729	5.1%	73.7%	18.1%	3.2%
2012	721	4.2%	76.1%	16.0%	3.7%
TOTAL	33,421	2.0%	79.4%	15.6%	2.9%

**Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2012, Reported through 12/31/2013**

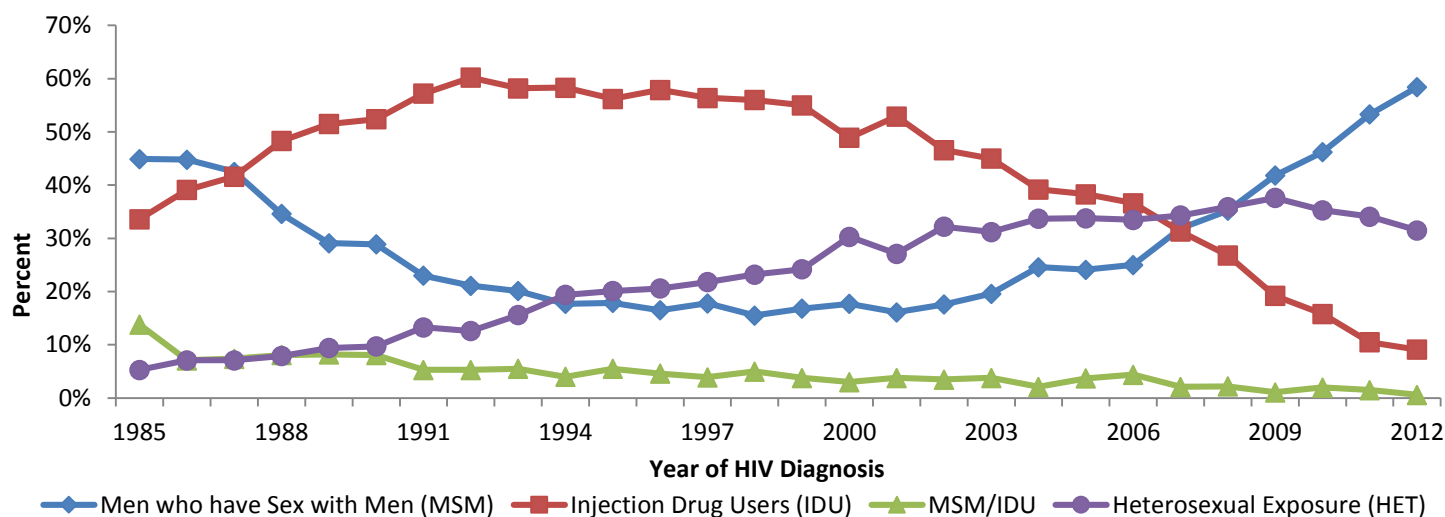
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	219	5.9%	43.4%	31.1%	13.2%	5.9%	0.5%
1985	434	4.4%	39.4%	38.9%	12.7%	3.2%	1.4%
1986	579	3.5%	37.3%	38.7%	14.3%	4.8%	1.4%
1987	758	2.6%	33.8%	43.8%	14.0%	4.2%	1.6%
1988	1,126	1.6%	30.4%	46.7%	15.9%	3.9%	1.5%
1989	1,443	2.2%	29.0%	45.0%	18.2%	4.2%	1.3%
1990	1,498	1.9%	27.9%	44.7%	18.2%	5.1%	2.2%
1991	1,711	1.3%	26.0%	45.3%	21.4%	4.2%	1.8%
1992	1,671	1.6%	21.8%	47.3%	23.0%	4.4%	1.9%
1993	1,532	1.1%	20.0%	47.4%	24.1%	5.6%	1.8%
1994	1,391	1.2%	19.8%	46.3%	24.9%	6.2%	1.7%
1995	1,360	1.2%	17.3%	44.6%	26.8%	7.0%	3.2%
1996	1,271	0.9%	14.4%	43.0%	30.4%	8.8%	2.5%
1997	1,289	1.4%	15.2%	44.1%	28.7%	6.8%	3.7%
1998	1,278	1.8%	14.2%	39.0%	32.8%	9.3%	2.9%
1999	1,173	1.9%	13.1%	38.7%	31.9%	11.2%	3.2%
2000	1,099	2.5%	12.2%	36.1%	34.6%	10.6%	4.0%
2001	1,199	1.6%	12.7%	34.5%	35.7%	12.0%	3.5%
2002	1,430	4.5%	14.5%	31.4%	33.2%	12.4%	3.9%
2003	1,227	2.9%	13.9%	30.6%	33.3%	14.7%	4.6%
2004	1,240	2.7%	16.0%	27.9%	35.5%	13.8%	4.1%
2005	1,289	2.7%	15.7%	22.3%	39.3%	16.6%	3.3%
2006	1,338	3.2%	17.5%	22.9%	34.8%	16.1%	5.4%
2007	1,266	4.7%	19.4%	20.6%	33.3%	18.0%	3.9%
2008	1,195	4.4%	21.7%	19.7%	29.0%	18.5%	6.9%
2009	979	4.0%	24.9%	23.4%	27.4%	15.7%	4.6%
2010	976	4.8%	24.3%	17.5%	27.9%	20.8%	4.7%
2011	729	5.5%	32.5%	18.5%	20.9%	17.3%	5.3%
2012	721	5.8%	31.3%	18.3%	22.2%	15.7%	6.7%
TOTAL	33,421	2.6%	21.0%	35.9%	27.2%	10.2%	3.2%

**Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2012, Reported through 12/31/2013**

Percent by Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



Other Exposure Category not shown

YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					
		No.	% MSM	% IDU	% MSM/IDU	% HET	% Other Exposure
<1985	219	215	54.9%	28.4%	8.8%	3.7%	4.2%
1985	434	414	44.9%	33.6%	13.8%	5.3%	2.4%
1986	579	563	44.8%	39.1%	7.1%	7.1%	2.0%
1987	758	734	42.5%	41.6%	7.4%	7.1%	1.5%
1988	1,126	1,089	34.6%	48.3%	8.1%	7.9%	1.1%
1989	1,443	1,399	29.1%	51.5%	8.2%	9.4%	1.8%
1990	1,498	1,439	28.9%	52.4%	8.1%	9.7%	0.9%
1991	1,711	1,633	23.0%	57.2%	5.3%	13.3%	1.2%
1992	1,671	1,586	21.1%	60.2%	5.3%	12.6%	0.8%
1993	1,532	1,480	20.1%	58.2%	5.5%	15.6%	0.7%
1994	1,391	1,328	17.7%	58.3%	4.0%	19.4%	0.7%
1995	1,360	1,295	17.9%	56.2%	5.5%	20.1%	0.3%
1996	1,271	1,203	16.5%	57.9%	4.6%	20.6%	0.4%
1997	1,289	1,192	17.8%	56.4%	3.9%	21.8%	0.1%
1998	1,278	1,182	15.5%	56.0%	5.0%	23.2%	0.3%
1999	1,173	1,067	16.8%	55.0%	3.8%	24.2%	0.2%
2000	1,099	988	17.7%	48.9%	3.0%	30.3%	0.1%
2001	1,199	1,070	16.1%	52.9%	3.8%	27.1%	0.1%
2002	1,430	1,214	17.6%	46.6%	3.5%	32.2%	0.1%
2003	1,227	1,079	19.6%	45.0%	3.8%	31.2%	0.3%
2004	1,240	1,069	24.6%	39.2%	2.1%	33.7%	0.5%
2005	1,289	1,034	24.1%	38.3%	3.7%	33.8%	0.1%
2006	1,338	989	25.0%	36.6%	4.4%	33.5%	0.5%
2007	1,266	891	31.9%	31.3%	2.1%	34.3%	0.3%
2008	1,195	781	35.2%	26.8%	2.2%	35.9%	0.0%
2009	979	548	41.8%	19.2%	1.1%	37.6%	0.4%
2010	976	507	46.2%	15.8%	2.0%	35.3%	0.8%
2011	729	390	53.3%	10.5%	1.5%	34.1%	0.5%
2012	721	483	58.4%	9.1%	0.6%	31.5%	0.4%
<b>TOTAL</b>	<b>33,421</b>	<b>28,862</b>	<b>25.5%</b>	<b>47.2%</b>	<b>4.8%</b>	<b>21.8%</b>	<b>0.7%</b>

## Section III – Adult/Adolescent Cases by Jurisdiction

**Table 1 – Adult/Adolescent HIV Diagnoses during 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Jurisdiction, Reported through 12/31/2013**

JURISDICTION OF RESIDENCE AT HIV DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses									
		No. with HIV Diagnosis	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late HIV Diagnosis	% Late HIV Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
Anne Arundel	460,107	45	6.2%	9.8	34	75.6%	9	20.0%	36	80.0%	420
Baltimore City	521,466	469	65.0%	89.9	347	74.0%	145	30.9%	376	80.2%	354
Baltimore	690,522	158	21.9%	22.9	121	76.6%	46	29.1%	135	85.4%	417
Carroll	141,013	3	0.4%	2.1	***	***	***	***	***	***	***
Harford	208,064	20	2.8%	9.6	15	75.0%	11	55.0%	18	90.0%	267
Howard	248,000	24	3.3%	9.7	20	83.3%	11	45.8%	21	87.5%	241
Queen Anne's	40,871	2	0.3%	4.9	***	***	***	***	***	***	***
TOTAL	2,310,043	721	100.0%	31.2	541	75.0%	222	30.8%	590	81.8%	369

\*\*\* Data withheld due to low population counts and/or case counts

**Adult/Adolescent Reported HIV Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

**Jurisdiction of Residence at HIV Diagnosis:** Jurisdiction of residence at time of initial HIV diagnosis.

**Population Age 13+:** Population age 13 years or older, estimate for 7/1/2012.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Median Count (First CD4):** Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

**Number Linked to Care:** Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

**Percent Linked to Care:** Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Number of Late HIV diagnosis (for HIV diagnoses):** Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

**Percent Late HIV Diagnosis (for HIV diagnoses):** Number and percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.



**Table 2 – Adult/Adolescent AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction, Reported through 12/31/2013**

JURISDICTION OF RESIDENCE AT AIDS DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Anne Arundel	460,107	31	5.7%	6.7	3.7	45.2%
Baltimore City	521,466	377	69.0%	72.3	4.6	38.7%
Baltimore	690,522	99	18.1%	14.3	4.6	42.4%
Carroll	141,013	2	0.4%	1.4	***	***
Harford	208,064	16	2.9%	7.7	3.3	62.5%
Howard	248,000	21	3.8%	8.5	2.6	42.9%
Queen Anne's	40,871	0	0.0%	0.0	--	--
TOTAL	2,310,043	546	100.0%	23.6	4.4	40.5%

\*\*\* Data withheld due to low population counts and/or case counts

**Adult/Adolescent Reported AIDS Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

**Jurisdiction of Residence at AIDS Diagnosis:** Jurisdiction of residence at time of initial AIDS diagnosis.

**Population Age 13+:** Population age 13 years or older, estimate for 7/1/2012.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Mean Years from HIV Diagnosis (to AIDS Diagnosis):** Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

**Percent Late HIV Diagnosis (for AIDS diagnoses):** Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

**Table 3 – Adult/Adolescent HIV Cases Alive on 12/31/2012, by Jurisdiction, Reported through 12/31/2013**

JURISDICTION OF RESIDENCE AT HIV DIAGNOSIS	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
Anne Arundel	460,107	433	5.8%	94.1	598	5.9%	130.0	1,031	5.9%	224.1	446
Baltimore City	521,466	5,442	73.5%	1,043.6	7,809	76.6%	1,497.5	13,251	75.3%	2,541.1	39
Baltimore	690,522	1,089	14.7%	157.7	1,280	12.6%	185.4	2,369	13.5%	343.1	291
Carroll	141,013	52	0.7%	36.9	55	0.5%	39.0	107	0.6%	75.9	1,317
Harford	208,064	157	2.1%	75.5	203	2.0%	97.6	360	2.0%	173.0	577
Howard	248,000	218	2.9%	87.9	225	2.2%	90.7	443	2.5%	178.6	559
Queen Anne's	40,871	16	0.2%	39.1	23	0.2%	56.3	39	0.2%	95.4	1,047
TOTAL	2,310,043	7,407	100.0%	320.6	10,193	100.0%	441.2	17,600	100.0%	761.9	131

**Jurisdiction of Residence at Diagnosis:** Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

**Population Age 13+:** Population greater than or equal to 13 years old, estimate for 7/1/2012.

**Adult/Adolescent Living HIV Cases without AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Living HIV Cases with AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

**Table 4 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, Reported through 12/31/2013**

JURISDICTION OF RESIDENCE AT HIV DIAGNOSIS	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Anne Arundel	1,031	602	58.4%	487	12.8%	17.9%	20.9%	48.3%
Baltimore City	13,251	7,930	59.8%	475	16.0%	17.7%	19.3%	47.0%
Baltimore	2,369	1,401	59.1%	508	13.8%	17.5%	17.5%	51.2%
Carroll	107	46	43.0%	509	13.0%	13.0%	15.2%	58.7%
Harford	360	199	55.3%	513	15.1%	14.1%	19.6%	51.3%
Howard	443	234	52.8%	570	14.5%	13.7%	16.2%	55.6%
Queen Anne's	39	24	61.5%	511	4.2%	29.2%	12.5%	54.2%
TOTAL	17,600	10,436	59.3%	482	15.4%	17.5%	19.1%	48.0%

\*\*\* Data withheld due to low population counts and/or case counts

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Recent CD4 Test Result:** The most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Jurisdiction of Residence at Diagnosis:** Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

**Median Count (Recent CD4):** Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**CD4 Result Distribution (<200, 200-349, 350-499, 500+):** Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

**Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, by Jurisdiction, Reported through 12/31/2013**

JURISDICTION OF RESIDENCE HIV AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Anne Arundel	1,031	544	52.8%	63.8%	9,380
Baltimore City	13,251	6,602	49.8%	63.6%	9,749
Baltimore	2,369	1,230	51.9%	66.2%	10,440
Carroll	107	44	41.1%	70.5%	13,004
Harford	360	176	48.9%	71.6%	6,512
Howard	443	213	48.1%	70.4%	15,410
Queen Anne's	39	23	59.0%	87.0%	25,842
TOTAL	17,600	8,832	50.2%	64.4%	9,790

\*\*\* Data withheld due to low population counts and/or case counts

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Jurisdiction of Residence at Diagnosis:** Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

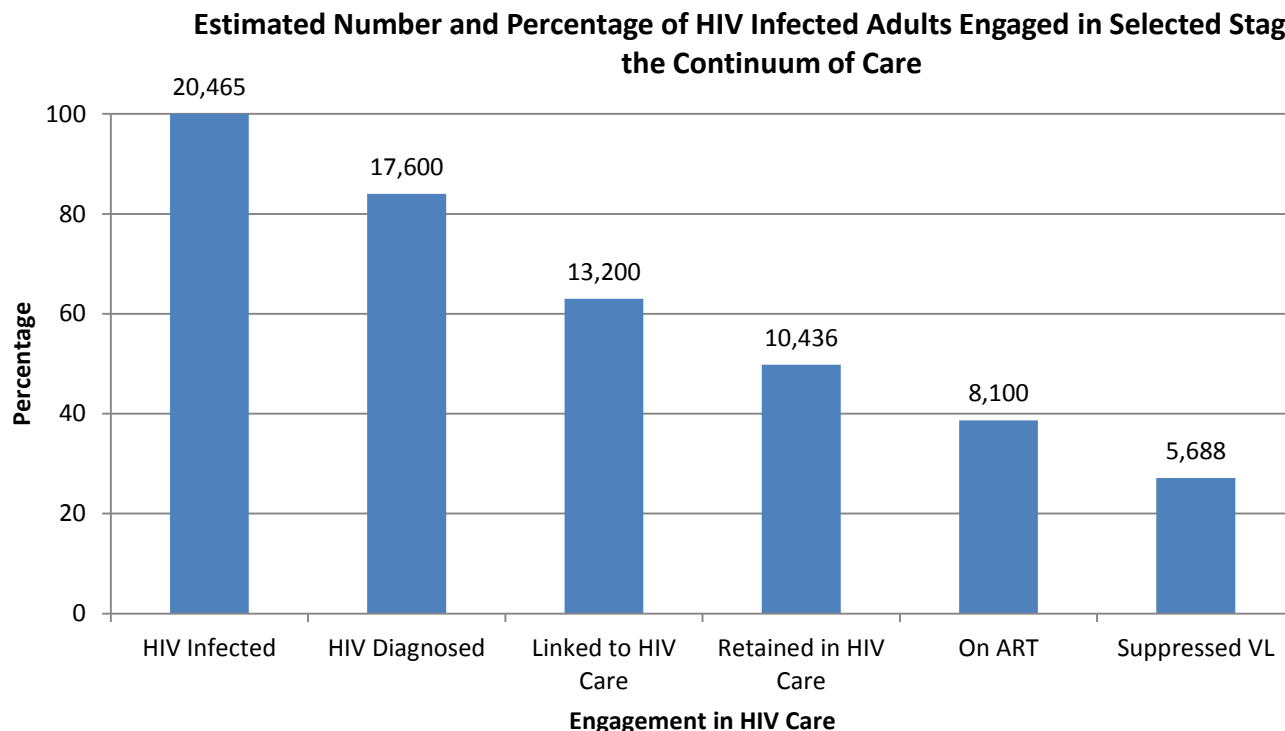
**Recent Viral Load Test Result:** The most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Percent Suppressed (Viral Load):** Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 200 copies per milliliter.

**Median Unsuppressed (Viral Load):** Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year of 200 copies per milliliter or greater.

## Figure 7 – Estimated Adult/Adolescent 2012 HIV Continuum of Care, Reported through 12/31/2013

In their 2011 article in *Clinical Infectious Diseases*, Gardner et al. utilize a continuum of care “cascade” to illustrate national estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care. The Maryland Engagement in HIV Care Cascade (below) uses the national estimate of the number of undiagnosed persons (14%) to generate an estimated total number of HIV infected persons in Maryland, and then uses local data to describe the number and percentage of persons living with HIV in Maryland who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Number	Percentage
HIV Infected	20,465	100.0%
HIV Diagnosed	17,600	86.0%
Linked to HIV Care	13,200	63.0%
Retained in HIV Care	10,436	49.8%
On ART	8,100	38.7%
Suppressed VL	5,688	27.1%

**HIV Infected:** HIV Diagnosed divided by one minus the national estimate of undiagnosed HIV infections (14%).

**HIV Diagnosed:** Adult/adolescent total living HIV cases as of December 31<sup>st</sup> of the specified year.

**Linked to HIV Care:** HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Retained in HIV Care:** HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year

**On ART:** Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

**Suppressed Viral Load:** HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 200 copies per milliliter.

## Section IV – Cases by Age

**Table 6 – HIV Diagnoses during 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2013**

AGE AT HIV DIAGNOSIS	Population	Reported HIV Diagnoses								First CD4 Test Result	
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
<5 (Pediatric)	168,735	2	0.3%	1.2	***	***	***	***	***	***	***
5-12 (Pediatric)	274,371	0	0.0%	0.0	--	--	--	--	--	--	--
13-19	251,694	42	5.8%	16.7	***	***	***	***	***	***	***
20-29	391,579	226	31.3%	57.7	168	74.3%	47	20.8%	191	84.5%	413
30-39	349,401	132	18.3%	37.8	106	80.3%	34	25.8%	111	84.1%	413
40-49	391,892	160	22.1%	40.8	116	72.5%	60	37.5%	125	78.1%	272
50-59	401,040	113	15.6%	28.2	84	74.3%	46	40.7%	90	79.6%	266
60+	524,437	48	6.6%	9.2	36	75.0%	26	54.2%	38	79.2%	159
TOTAL	2,753,149	723	100.0%	26.3	543	75.1%	222	30.7%	592	81.9%	370

\*\*\* Data withheld due to low population counts and/or case counts

**Table 7 – AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2013**

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	168,735	0	0.0%	0.0	--	--
5-12 (Pediatric)	274,371	0	0.0%	0.0	--	--
13-19	251,694	13	2.4%	5.2	4.3	61.5%
20-29	391,579	90	16.3%	23.0	2.7	44.4%
30-39	349,401	105	19.1%	30.1	4.4	36.2%
40-49	391,892	162	29.4%	41.3	5.0	38.3%
50-59	401,040	124	22.5%	30.9	5.1	37.1%
60+	524,437	57	10.3%	10.9	5.3	47.4%
TOTAL	2,753,149	551	100.0%	20.0	4.5	40.1%

**Reported HIV Diagnoses:** Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

**Age at HIV Diagnosis:** Age group at time of initial HIV diagnosis.

**Population:** Population estimate for 7/1/2012.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**First CD4 Test Result:** First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

**Median Count (First CD4):** Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

**Number Linked to Care:** Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

**Percent Linked to Care:** Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Number of Late HIV diagnosis (for HIV diagnoses):** Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

**Percent Late HIV Diagnosis (for HIV diagnoses):** percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

**Age at AIDS Diagnosis:** Age group at time of initial AIDS diagnosis.

**Reported AIDS Diagnoses:** Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

**Mean Years from HIV Diagnosis (to AIDS Diagnosis):** Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

**Table 8 – HIV Cases Alive on 12/31/2012, by Age on 12/31/2012, Reported through 12/31/2013**

AGE ON 12/31/2012	Population	Living HIV Cases without AIDS			Living HIV Cases with AIDS			Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5	168,735	11	0.1%	6.5	2	0.0%	1.2	13	0.1%	7.7	12,979
5-12	274,371	40	0.5%	14.6	6	0.1%	2.2	46	0.3%	16.8	5,964
13-19	251,694	117	1.5%	46.5	64	0.6%	25.4	181	1.0%	71.9	1,390
20-29	391,579	1,166	15.4%	297.8	571	5.5%	145.8	1,737	9.7%	443.6	225
30-39	349,401	1,338	17.7%	382.9	1,235	11.9%	353.5	2,573	14.3%	736.4	135
40-49	391,892	2,112	27.9%	538.9	3,300	31.9%	842.1	5,412	30.2%	1,381.0	72
50-59	401,040	2,034	26.9%	507.2	3,738	36.1%	932.1	5,772	32.2%	1,439.3	69
60+	524,437	756	10.0%	144.2	1,442	13.9%	275.0	2,198	12.3%	419.1	238
TOTAL	2,753,149	7,574	100.0%	275.1	10,358	100.0%	376.2	17,932	100.0%	651.3	153

**Age on [date]:** Age group of living cases on the specified date.

**Population:** Population estimate for 7/1/2012.

**Adult/Adolescent Living HIV Cases without AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Living HIV Cases with AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.



**Table 9 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, by Age on 12/31/2012, Reported through 12/31/2013**

AGE ON 12/31/2012	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	67	34	50.7%	504	8.8%	26.5%	14.7%	50.0%
20-29	1,585	980	61.8%	485	12.2%	17.7%	22.0%	48.1%
30-39	2,566	1,541	60.1%	491	16.1%	16.2%	18.9%	48.8%
40-49	5,412	3,167	58.5%	465	17.4%	17.6%	18.9%	46.0%
50-59	5,772	3,470	60.1%	491	15.3%	17.4%	18.1%	49.2%
60+	2,198	1,244	56.6%	485	12.8%	18.9%	20.0%	48.3%
TOTAL	17,600	10,436	59.3%	482	15.4%	17.5%	19.1%	48.0%

**Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, by Age on 12/31/2012, Reported through 12/31/2013**

AGE ON 12/31/2012	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
13-19	67	42	62.7%	16.7%	25,200
20-29	1,585	900	56.8%	45.3%	12,794
30-39	2,566	1,355	52.8%	59.7%	11,131
40-49	5,412	2,688	49.7%	64.6%	10,828
50-59	5,772	2,864	49.6%	69.3%	7,420
60+	2,198	983	44.7%	75.6%	3,520
TOTAL	17,600	8,832	50.2%	64.4%	9,790

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Age on [date]:** Age group of living cases on the specified date.

**Recent CD4 Test Result:** The most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Median Count (Recent CD4):** Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year

**CD4 Result Distribution (<200, 200-349, 350-499, 500+):** Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

**Recent Viral Load Test Result:** The most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Percent Suppressed (Viral Load):** Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 200 copies per milliliter.

**Median Unsuppressed (Viral Load):** Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year of 200 copies per milliliter or greater.

## Section V – Adult/Adolescent Cases by Demographics

**Table 11 – Adult/Adolescent HIV Diagnoses during 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2013**

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of % Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
Male	1,101,188	536	74.3%	48.7	403	75.2%	166	31.0%	434	81.0%	355
Female	1,208,854	185	25.7%	15.3	138	74.6%	56	30.3%	156	84.3%	384
TOTAL	2,310,043	721	100.0%	31.2	541	75.0%	222	30.8%	590	81.8%	369

RACE/ ETHNICITY	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of % Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
Hispanic	101,000	30	4.2%	29.7	23	76.7%	12	40.0%	26	86.7%	293
Non-Hispanic	2,209,042	691	95.8%	31.3	518	75.0%	210	30.4%	564	81.6%	375
American Indian/Alaska Native, only	5,832	4	0.6%	68.6	***	***	***	***	***	***	***
Asian, only	112,278	7	1.0%	6.2	***	***	***	***	***	***	***
Black, only	641,073	549	76.1%	85.6	405	73.8%	166	30.2%	444	80.9%	378
Native Hawaiian/Other Pacific Islander, only	1,094	0	0.0%	0.0	--	--	--	--	--	--	--
White only	1,413,882	115	16.0%	8.1	88	76.5%	38	33.0%	98	85.2%	360
Multiracial/Other	34,883	16	2.2%	45.9	15	93.8%	***	***	13	81.3%	489
TOTAL	2,310,043	721	100.0%	31.2	541	75.0%	222	30.8%	590	81.8%	369

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of % Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
United States	2,010,353	637	88.3%	31.7	469	73.6%	193	30.3%	515	80.8%	365
Foreign-born	240,672	21	2.9%	8.7	20	95.2%	7	33.3%	19	90.5%	397
Africa	--	12	57.1%	--	11	91.7%	***	***	11	91.7%	445
Asia	--	3	14.3%	--	***	***	***	***	***	***	***
Caribbean	--	2	9.5%	--	***	***	***	***	***	***	***
Central America	--	3	14.3%	--	***	***	***	***	***	***	***
Other	--	1	4.8%	--	***	***	***	***	***	***	***
Unknown	--	63	8.7%	--	52	82.5%	22	34.9%	56	88.9%	393
TOTAL	2,251,025	721	100.0%	32.0	541	75.0%	222	30.8%	590	81.8%	369

\* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates

\*\* Population data by country of birth are from the 2012 American Community Survey

\*\*\* Data withheld due to low population and/or case counts

**Adult/Adolescent Reported HIV Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

**Population Age 13+:** Population greater than or equal to 13 years old, estimate for 7/1/2012.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**First CD4 Test Result:** First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

**Median Count (First CD4):** Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

**Number Linked to Care:** Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

**Percent Linked to Care:** Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Number of Late HIV diagnosis (for HIV diagnoses):** Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

**Percent Late HIV Diagnosis (for HIV diagnoses):** Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

**Table 12 – Adult/Adolescent AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2013**

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	1,101,188	361	66.1%	32.8	4.0	44.9%
Female	1,208,854	185	33.9%	15.3	5.3	31.9%
TOTAL	2,310,043	546	100.0%	23.6	4.4	40.5%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	101,000	17	3.1%	16.8	2.8	52.9%
Non-Hispanic	2,209,042	529	96.9%	23.9	4.5	40.1%
American Indian/Alaska Native, only	5,832	2	0.4%	34.3	***	***
Asian, only	112,278	4	0.7%	3.6	***	***
Black, only	641,073	436	79.9%	68.0	4.7	38.1%
Native Hawaiian/Other Pacific Islander, only	1,094	0	0.0%			
White only	1,413,882	64	11.7%	4.5	3.5	57.8%
Multiracial/Other	34,883	23	4.2%	65.9	4.7	17.4%
TOTAL	2,310,043	546	100.0%	23.6	4.4	40.5%

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
United States	2,010,353	493	90.3%	24.5	4.7	37.9%
Foreign-born	240,672	17	3.1%	7.1	2.0	64.7%
Africa	--	8	47.1%	--	1.2	62.5%
Asia	--	2	11.8%	--	***	***
Caribbean	--	1	5.9%	--	***	***
Central America	--	4	23.5%	--	***	***
Other	--	2	11.8%	--	***	***
Unknown	--	36	6.6%	--	1.8	63.9%
TOTAL	2,251,025	546	100.0%	24.3	4.4	40.5%

\* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates

\*\* Population data by country of birth are from the 2012 American Community Survey

\*\*\* Data withheld due to low population and/or case counts

**Adult/Adolescent Reported AIDS Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

**Population Age 13+:** Population greater than or equal to 13 years old, estimate for 7/1/2012.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Mean Years from HIV Diagnosis (to AIDS Diagnosis):** Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

**Percent Late HIV Diagnosis (for AIDS diagnoses):** Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

**Table 13 – Adult/Adolescent Living HIV Cases with and without AIDS by Sex at Birth, Race/Ethnicity, and Country of Birth, Alive on 12/31/2012 and Reported through 12/31/2013**

SEX AT BIRTH	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Male	1,101,188	4,725	63.8%	429.1	6,513	63.9%	591.5	11,238	63.9%	1,020.5	97
Female	1,208,854	2,682	36.2%	221.9	3,680	36.1%	304.4	6,362	36.1%	526.3	190
TOTAL	2,310,043	7,407	100.0%	320.6	10,193	100.0%	441.2	17,600	100.0%	761.9	131

RACE/ ETHNICITY	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Hispanic	101,000	193	2.6%	191.1	356	3.5%	352.5	549	3.1%	543.6	183
Non-Hispanic	2,209,042	7,214	97.4%	326.6	9,837	96.5%	445.3	17,051	96.9%	771.9	129
American Indian/Alaska Native, only	5,832	9	0.1%	154.3	8	0.1%	137.2	17	0.1%	291.5	343
Asian, only	112,278	37	0.5%	33.0	25	0.2%	22.3	62	0.4%	55.2	1810
Black, only	641,073	5,738	77.5%	895.1	7,893	77.4%	1,231.2	13,631	77.4%	2,126.3	47
Native Hawaiian/Other Pacific Islander, only	1,094	3	0.0%	274.2	4	0.0%	365.6	7	0.0%	639.7	156
White only	1,413,882	1,224	16.5%	86.6	1,478	14.5%	104.5	2,702	15.4%	191.1	523
Multiracial/ Other	34,883	203	2.7%	581.9	429	4.2%	1,229.8	632	3.6%	1,811.8	55
TOTAL	2,310,043	7,407	100.0%	320.6	10,193	100.0%	441.2	17,600	100.0%	761.9	131

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
United States	2,010,353	7,049	95.2%	350.6	9,616	94.3%	478.3	16,665	94.7%	829.0	120
Foreign-born	240,672	133	1.8%	55.3	452	4.4%	187.8	585	3.3%	243.1	411
Africa	--	56	42.1%	--	256	56.6%	--	312	53.3%	--	--
Asia	--	11	8.3%	--	28	6.2%	--	39	6.7%	--	--
Caribbean	--	13	9.8%	--	41	9.1%	--	54	9.2%	--	--
Central America	--	23	17.3%	--	76	16.8%	--	99	16.9%	--	--
Other	--	30	22.6%	--	51	11.3%	--	81	13.8%	--	--
Unknown	--	225	3.0%	--	125	1.2%	--	350	2.0%	--	--
TOTAL	2,251,025	7,407	100.0%	329.1	10,193	100.0%	452.8	17,600	100.0%	781.9	127

\* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates

\*\* Population data by country of birth are from the 2012 American Community Survey

**Population Age 13+:** Population greater than or equal to 13 years old, estimate for 7/1/2012.

**Adult/Adolescent Living HIV Cases without AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Living HIV Cases with AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

**Table 14 –Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2012 and Reported through 12/31/2013**

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male	11,238	6,367	56.7%	463	15.5%	18.7%	20.3%	45.5%
Female	6,362	4,069	64.0%	513	15.4%	15.7%	17.2%	51.8%
TOTAL	17,600	10,436	59.3%	482	15.4%	17.5%	19.1%	48.0%

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Hispanic	549	320	58.3%	491	13.4%	21.6%	15.9%	49.1%
Non-Hispanic	17,051	10,116	59.3%	481	15.5%	17.4%	19.2%	47.9%
American Indian/Alaska Native, only	17	***	***	***	***	***	***	***
Asian, only	62	43	69.4%	479	7.0%	27.9%	18.6%	46.5%
Black, only	13,631	8,172	60.0%	473	15.9%	17.5%	19.6%	47.0%
Native Hawaiian/Other Pacific Islander, only	7	***	***	***	***	***	***	***
White only	2,702	1,413	52.3%	546	11.4%	15.6%	17.5%	55.6%
Multiracial/Other	632	479	75.8%	435	21.3%	19.6%	17.3%	41.8%
TOTAL	17,600	10,436	59.3%	482	15.4%	17.5%	19.1%	48.0%

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
United States	16,665	9,850	59.1%	483	15.5%	17.4%	18.9%	48.2%
Foreign-born	585	344	58.8%	454	12.5%	21.5%	20.9%	45.1%
Africa	312	197	63.1%	441	13.2%	21.8%	23.9%	41.1%
Asia	39	25	64.1%	369	12.0%	36.0%	16.0%	36.0%
Caribbean	54	31	57.4%	534	9.7%	16.1%	22.6%	51.6%
Central America	99	58	58.6%	499	12.1%	20.7%	17.2%	50.0%
Other	81	33	40.7%	540	12.1%	15.2%	12.1%	60.6%
Unknown	350	242	69.1%	451	18.6%	15.7%	21.9%	43.8%
TOTAL	17,600	10,436	59.3%	482	15.4%	17.5%	19.1%	48.0%

\*\*\* Data withheld due to low population and/or case counts

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Recent CD4 Test Result:** The most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Median Count (Recent CD4):** Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**CD4 Result Distribution (<200, 200-349, 350-499, 500+):** Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

**Table 15 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2012 and Reported through 12/31/2013**

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	11,238	5,424	48.3%	66.6%	10,160
Female	6,362	3,408	53.6%	60.9%	8,964
TOTAL	17,600	8,832	50.2%	64.4%	9,790

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	549	284	51.7%	72.9%	8,422
Non-Hispanic	17,051	8,548	50.1%	64.1%	9,963
American Indian/Alaska Native, only	17	***	***	***	***
Asian, only	62	41	66.1%	65.9%	9,625
Black, only	13,631	6,872	50.4%	62.2%	9,960
Native Hawaiian/Other Pacific Islander, only	7	***	***	***	***
White only	2,702	1,219	45.1%	74.7%	9,538
Multiracial/Other	632	407	64.4%	65.1%	10,536
TOTAL	17,600	8,832	50.2%	64.4%	9,790

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
United States	16,665	8,312	49.9%	64.0%	9,753
Foreign-born	585	308	52.6%	75.3%	14,490
Africa	312	178	57.1%	77.0%	10,000
Asia	39	19	48.7%	52.6%	6,133
Caribbean	54	28	51.9%	78.6%	121,607
Central America	99	52	52.5%	76.9%	59,587
Other	81	31	38.3%	74.2%	6,183
Unknown	350	212	60.6%	66.5%	9,032
TOTAL	17,600	8,832	50.2%	64.4%	9,790

\*\*\* Data withheld due to low population and/or case counts

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Recent Viral Load Test Result:** The most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

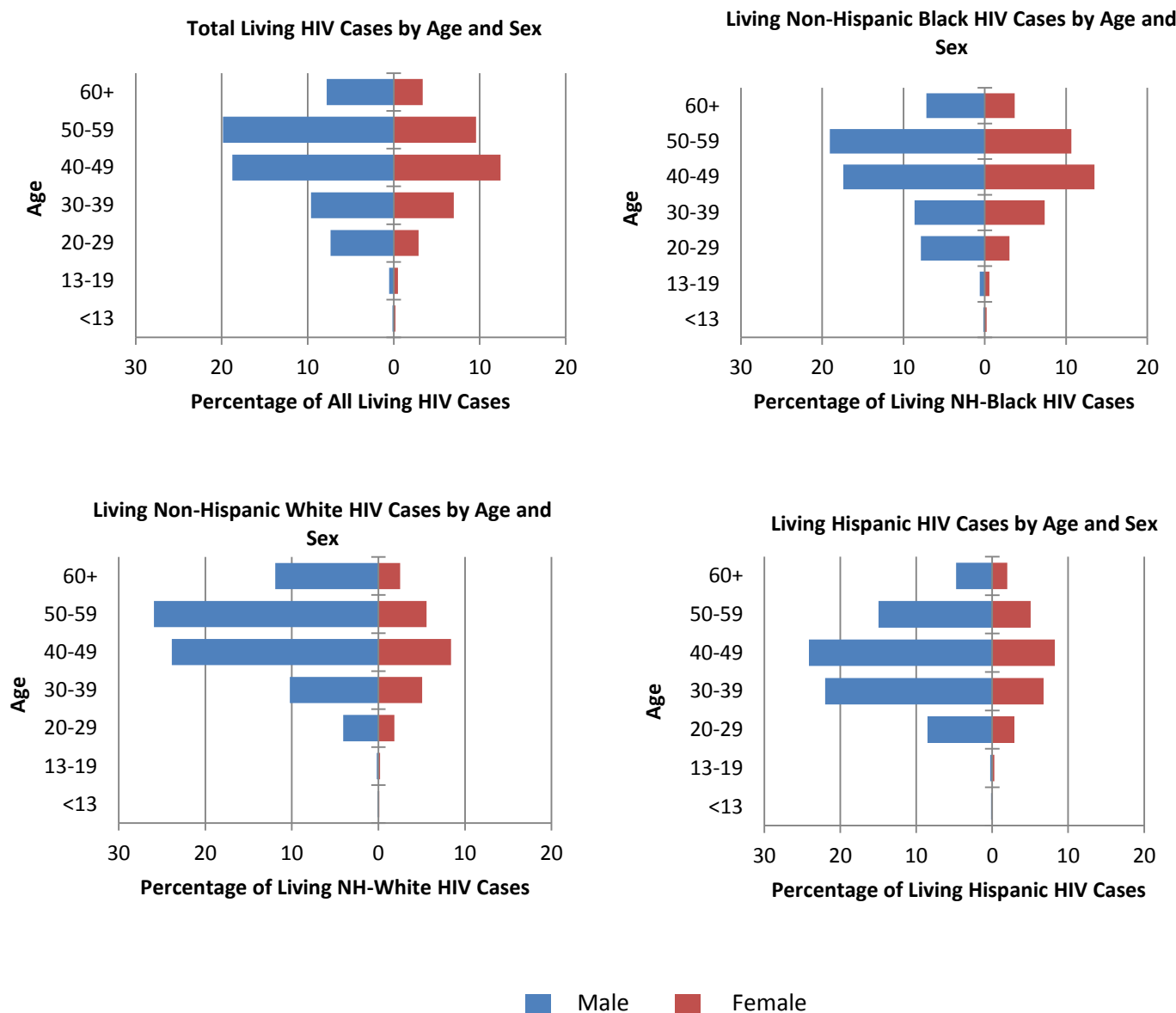
**Percent Suppressed (Viral Load):** Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 200 copies per milliliter.

**Median Unsuppressed (Viral Load):** Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year of 200 copies per milliliter or greater.



## Section VI – HIV Cases by Expanded Demographics

**Figure 8 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013**



**Total Living HIV Cases:** Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Table 16 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013**

MALES						
AGE ON 12/31/2012		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	17,573	72,904	111,798	23,914	226,189
	Cases	0	19	2	1	22
	Rate	0.0	26.1	1.8	4.2	9.7
	Ratio (1 in X)	--	3,837	55,898	23,914	10,281
13-19	Population	7,464	40,968	69,084	10,779	128,295
	Cases	1	88	4	5	98
	Rate	13.4	214.8	5.8	46.4	76.4
	Ratio (1 in X)	7,463	465	17,271	2,155	1,309
20-29	Population	14,243	56,930	108,381	15,113	194,667
	Cases	40	1,010	116	51	1,217
	Rate	280.8	1,774.1	107.0	337.5	625.2
	Ratio (1 in X)	356	56	934	296	159
30-39	Population	14,517	45,460	93,859	15,098	168,934
	Cases	110	1,046	257	75	1,488
	Rate	757.7	2,300.9	273.8	496.8	880.8
	Ratio (1 in X)	131	43	365	201	113
40-49	Population	9,200	50,968	115,150	12,980	188,298
	Cases	125	2,255	654	128	3,162
	Rate	1,358.7	4,424.3	568.0	986.1	1,679.3
	Ratio (1 in X)	73	22	176	101	59
50-59	Population	4,867	47,288	129,815	9,561	191,531
	Cases	96	2,880	733	138	3,847
	Rate	1,972.5	6,090.3	564.6	1,443.4	2,008.6
	Ratio (1 in X)	50	16	177	69	49
60+	Population	3,460	47,116	169,276	9,611	229,463
	Cases	33	1,125	322	65	1,545
	Rate	953.8	2,387.7	190.2	676.3	673.3
	Ratio (1 in X)	104	41	525	147	148
TOTAL MALES BY RACE/ ETHNICITY	Population	71,324	361,634	797,363	97,056	1,327,377
	Cases	405	8,423	2,088	463	11,379
	Rate	567.8	2,329.2	261.9	477.0	857.3
	Ratio (1 in X)	176	42	381	209	116

**Age on [date]:** Age group of living cases on the specified date.

**Total Living HIV Cases:** Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Population:** Population estimate for 7/1/2012.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

**Table 17 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013**

FEMALES						
AGE ON 12/31/2012		RACE/ETHNICITY				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	16,842	70,389	106,199	23,487	216,917
	Cases	0	35	0	2	37
	Rate	0.0	49.7	0.0	8.5	17.1
	Ratio (1 in X)	--	2,011	--	11,743	5,862
13-19	Population	6,832	40,782	65,294	10,491	123,399
	Cases	3	74	5	1	83
	Rate	43.9	181.5	7.7	9.5	67.3
	Ratio (1 in X)	2,277	551	13,058	10,490	1,486
20-29	Population	11,605	63,077	106,156	16,074	196,912
	Cases	15	440	40	25	520
	Rate	129.3	697.6	37.7	155.5	264.1
	Ratio (1 in X)	773	143	2,653	642	378
30-39	Population	11,872	56,135	94,977	17,483	180,467
	Cases	28	877	129	51	1,085
	Rate	235.8	1,562.3	135.8	291.7	601.2
	Ratio (1 in X)	424	64	736	342	166
40-49	Population	7,953	61,327	119,699	14,615	203,594
	Cases	53	1,862	240	95	2,250
	Rate	666.4	3,036.2	200.5	650.0	1,105.1
	Ratio (1 in X)	150	32	498	153	90
50-59	Population	4,752	59,267	134,864	10,626	209,509
	Cases	34	1,666	153	72	1,925
	Rate	715.5	2,811.0	113.4	677.6	918.8
	Ratio (1 in X)	139	35	881	147	108
60+	Population	4,235	71,755	207,327	11,657	294,974
	Cases	14	550	69	20	653
	Rate	330.6	766.5	33.3	171.6	221.4
	Ratio (1 in X)	302	130	3,004	582	451
TOTAL FEMALES BY RACE/ ETHNICITY	Population	64,091	422,732	834,516	104,433	1,425,772
	Cases	147	5,504	636	266	6,553
	Rate	229.4	1,302.0	76.2	254.7	459.6
	Ratio (1 in X)	435	76	1,312	392	217

**Age on [date]:** Age group of living cases on the specified date.

**Total Living HIV Cases:** Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Population:** Population estimate for 7/1/2012.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

## Section VII – HIV Exposure Category

**Table 18 – Adult/Adolescent HIV Diagnoses during 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2013**

EXPOSURE CATEGORY	Adult/Adolescent HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	484	100.0%	359	74.2%	144	29.8%	82.9%	385
Men who have Sex with Men (MSM)	282	58.3%	219	77.7%	69	24.5%	84.8%	407
Injection Drug Users (IDU)	44	9.1%	26	59.1%	20	45.5%	77.3%	157
Men who have Sex with Men and Inject Drugs (MSM/IDU)	3	0.6%	2	66.7%	1	33.3%	66.7%	382
Heterosexual Exposure (HET)	152	31.4%	111	73.0%	54	35.5%	82.2%	351
Other Exposure	3	0.6%	1	33.3%	0	0.0%	33.3%	742
No Reported Exposure	237		182	76.8%	78	32.9%	79.7%	334
TOTAL	721		541	75.0%	222	30.8%	81.8%	369

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	390	100.0%	290	74.4%	113	29.0%	82.1%	385
Men who have Sex with Men (MSM)	282	72.3%	219	77.7%	69	24.5%	84.8%	407
Injection Drug Users (IDU)	24	6.2%	15	62.5%	12	50.0%	75.0%	119
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	79	20.3%	54	68.4%	31	39.2%	77.2%	326
Other Exposure	***	***	***	***	***	***	***	***
No Reported Exposure	146		113	77.4%	53	36.3%	78.1%	325
TOTAL	536		403	75.2%	166	31.0%	81.0%	355

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	94	100.0%	69	73.4%	31	33.0%	86.2%	380
Injection Drug Users (IDU)	20	21.3%	11	55.0%	8	40.0%	80.0%	381
Heterosexual Exposure (HET)	73	77.7%	57	78.1%	23	31.5%	87.7%	375
Other Exposure	1	1.1%	1	100.0%	0	0.0%	100.0%	742
No Reported Exposure	91		69	75.8%	25	27.5%	82.4%	388
TOTAL	185		138	74.6%	56	30.3%	84.3%	384

\* Includes 19 HIV cases with Presumed Female Heterosexual exposure

\*\*\* Data withheld due to low population and/or case counts

**Adult/Adolescent Reported HIV Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

**First CD4 Test Result:** First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

**Median Count (First CD4):** Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

**Number Linked to Care:** Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

**Percent Linked to Care:** Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Number of Late HIV diagnosis (for HIV diagnoses):** Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

**Percent Late HIV Diagnosis (for HIV diagnoses):** Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

**Table 19 – Adult/Adolescent AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2013**

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	383	100.0%	5.2	35.5%
Men who have Sex with Men (MSM)	135	35.2%	3.2	50.4%
Injection Drug Users (IDU)	96	25.1%	7.5	16.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	11	2.9%	9.1	18.2%
Heterosexual Exposure (HET)	140	36.6%	5.1	35.7%
Other Exposures	1	0.3%	14	0.0%
No Reported Exposure	163		2.7	52.1%
TOTAL	546		4.4	40.5%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	256	100.0%	4.5	41.0%
Men who have Sex with Men (MSM)	135	52.7%	3.2	50.4%
Injection Drug Users (IDU)	61	23.8%	6.7	18.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	11	4.3%	9.1	18.2%
Heterosexual Exposure (HET)	48	18.8%	4.1	50.0%
Other Exposures	1	0.4%	14	0.0%
No Reported Exposure	105		2.8	54.3%
TOTAL	361		4.0	44.9%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	127	100.0%	6.5	24.4%
Injection Drug Users (IDU)	35	27.6%	9.1	14.3%
Heterosexual Exposure (HET)	92	72.4%	5.6	28.3%
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure	58		2.5	48.3%
TOTAL	185		5.3	31.9%

\* Includes 5 AIDS cases with Presumed Female Heterosexual exposure

**Adult/Adolescent Reported AIDS Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

**Mean Years from HIV Diagnosis (to AIDS Diagnosis):** Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

**Percent Late HIV Diagnosis (for AIDS diagnoses):** Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

**Table 20 – Adult/Adolescent Living HIV Cases with and without AIDS by Exposure Category and Sex at Birth, Alive on 12/31/2012 and Reported through 12/31/2013**

EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	5,225	100.0%	8,912	100.0%	14,137	100.0%
Men who have Sex with Men (MSM)	1,883	36.0%	2,327	26.1%	4,210	29.8%
Injection Drug Users (IDU)	1,498	28.7%	3,358	37.7%	4,856	34.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	153	2.9%	381	4.3%	534	3.8%
Heterosexual Exposure (HET)	1,674	32.0%	2,803	31.5%	4,477	31.7%
Other Exposures	17	0.3%	43	0.5%	60	0.4%
No Reported Exposure	2,182		1,281		3,463	
TOTAL	7,407		10,193		17,600	

MALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	3,465	100.0%	5,744	100.0%	9,209	100.0%
Men who have Sex with Men (MSM)	1,883	54.3%	2,327	40.5%	4,210	45.7%
Injection Drug Users (IDU)	887	25.6%	2,041	35.5%	2,928	31.8%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	153	4.4%	381	6.6%	534	5.8%
Heterosexual Exposure (HET)	532	15.4%	970	16.9%	1,502	16.3%
Other Exposures	10	0.3%	25	0.4%	35	0.4%
No Reported Exposure	1,260		769		2,029	
TOTAL	4,725		6,513		11,238	

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	1,760	100.0%	3,168	100.0%	4,928	100.0%
Injection Drug Users (IDU)	611	34.7%	1,317	41.6%	1,928	39.1%
Heterosexual Exposure (HET)	1,142	64.9%	1,833	57.9%	2,975	60.4%
Other Exposures	7	0.4%	18	0.6%	25	0.5%
No Reported Exposure*	922		512		1,434	
TOTAL	2,682		3,680		6,362	

\* Includes 81 HIV cases without AIDS and 40 HIV cases with AIDS with Presumed Female Heterosexual exposure

**Adult/Adolescent Living HIV Cases without AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Living HIV Cases with AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.



**Table 21 – Adult/Adolescent Total Living HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2012 and Reported through 12/31/2013**

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	425	100.0%	10,889	100.0%	2,217	100.0%
Men who have Sex with Men (MSM)	166	39.1%	2,613	24.0%	1,234	55.7%
Injection Drug Users (IDU)	76	17.9%	4,098	37.6%	487	22.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	17	4.0%	412	3.8%	79	3.6%
Heterosexual Exposure (HET)	164	38.6%	3,732	34.3%	395	17.8%
Other Exposures	2	0.5%	34	0.3%	22	1.0%
No Reported Exposure	124		2,742		485	
TOTAL	549		13,631		2,702	

MALE EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	320	100.0%	6,782	100.0%	1,721	100.0%
Men who have Sex with Men (MSM)	166	51.9%	2,613	38.5%	1,234	71.7%
Injection Drug Users (IDU)	55	17.2%	2,530	37.3%	245	14.2%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	17	5.3%	412	6.1%	79	4.6%
Heterosexual Exposure (HET)	81	25.3%	1,210	17.8%	147	8.5%
Other Exposures	1	0.3%	17	0.3%	16	0.9%
No Reported Exposure	85		1,518		354	
TOTAL	405		8,300		2,075	

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	105	100.0%	4,107	100.0%	496	100.0%
Injection Drug Users (IDU)	21	20.0%	1,568	38.2%	242	48.8%
Heterosexual Exposure (HET)	83	79.0%	2,522	61.4%	248	50.0%
Other Exposures	1	0.7%	17	0.3%	6	1.0%
No Reported Exposure*	39		1,224		131	
TOTAL	144		5,331		627	

\* Includes 4 Hispanic cases, 107 non-Hispanic black cases, and 8 non-Hispanic white cases with Presumed Female Heterosexual exposure

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2012 and Reported through 12/31/2013**

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
With Exposure	14,137	8,683	61.4%	483	15.3%	17.4%	19.1%	48.1%
Men who have Sex with Men (MSM)	4,210	2,462	58.5%	522	10.0%	16.4%	20.0%	53.5%
Injection Drug Users (IDU)	4,856	2,988	61.5%	426	19.0%	20.9%	18.8%	41.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	534	323	60.5%	425	20.4%	17.0%	22.0%	40.6%
Heterosexual Exposure (HET)	4,477	2,874	64.2%	510	15.3%	14.8%	18.5%	51.5%
Other Exposures	60	36	60.0%	336	33.3%	19.4%	11.1%	36.1%
No Reported Exposure*	3,463	1,753	50.6%	473	15.9%	18.0%	18.8%	47.3%
TOTAL	17,600	10,436	59.3%	482	15.4%	17.5%	19.1%	48.0%

\* Includes 121 cases with Presumed Female Heterosexual exposure

**Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2012 and Reported through 12/31/2013**

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Results			
		No. with Test	% with Test	% Suppressed	Median Count
With Exposure	14,137	7,258	51.3%	64.9%	10,030
Men who have Sex with Men (MSM)	4,210	2,130	50.6%	68.5%	10,540
Injection Drug Users (IDU)	4,856	2,416	49.8%	60.6%	11,606
Men who have Sex with Men and Inject Drugs (MSM/IDU)	534	259	48.5%	62.2%	16,810
Heterosexual Exposure (HET)	4,477	2,420	54.1%	66.4%	8,566
Other Exposures	60	33	55.0%	51.5%	29,527
No Reported Exposure*	3,463	1,574	45.5%	62.4%	7,705
TOTAL	17,600	8,832	50.2%	64.4%	9,790

\* Includes 121 cases with Presumed Female Heterosexual exposure

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Recent CD4 Test Result:** The most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Median Count (Recent CD4):** Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**CD4 Result Distribution (<200, 200-349, 350-499, 500+):** Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

**Recent Viral Load Test Result:** The most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

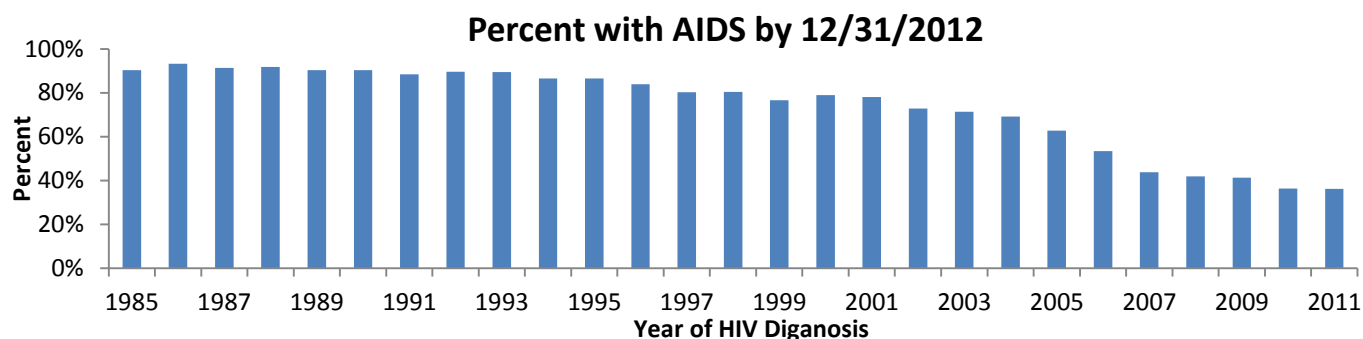
**Percent Suppressed (Viral Load):** Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 200 copies per milliliter.

**Median Unsuppressed (Viral Load):** Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year of 200 copies per milliliter or greater.

## Section VIII – Disease Progression and Mortality

**Figure 9 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2011, Reported through 12/31/2013**

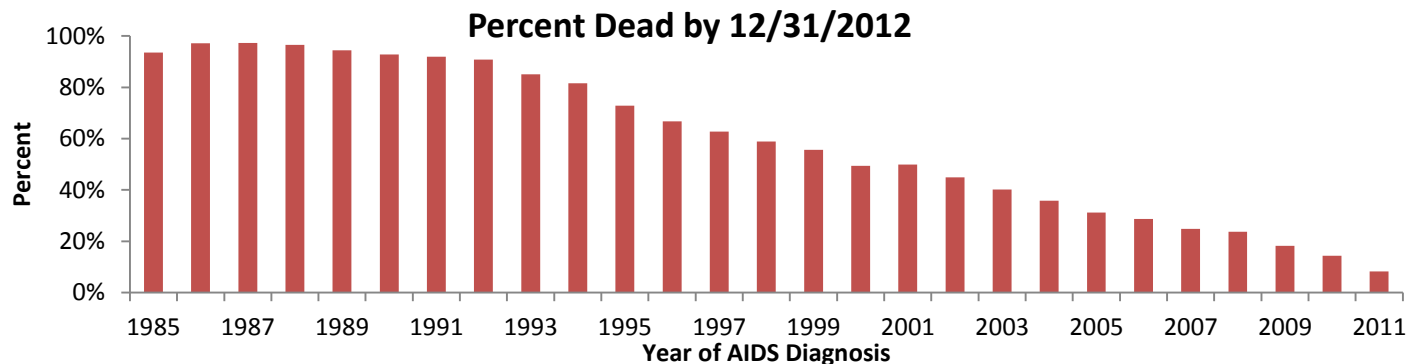
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/11 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2012 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2012, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2011, as Reported by Name through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	219	211	96.3%	6.9	34.2%	34.2%	37.9%	68.0%
1985	434	392	90.3%	6.5	26.3%	27.4%	35.0%	74.7%
1986	579	540	93.3%	5.6	33.9%	34.5%	46.1%	79.3%
1987	758	693	91.4%	4.6	33.1%	36.4%	54.1%	82.2%
1988	1,126	1,034	91.8%	3.8	38.0%	41.9%	63.7%	85.4%
1989	1,443	1,303	90.3%	3.7	37.8%	43.4%	67.0%	82.8%
1990	1,498	1,353	90.3%	3.0	44.0%	50.9%	73.1%	85.0%
1991	1,711	1,513	88.4%	2.7	45.9%	55.5%	72.9%	82.8%
1992	1,671	1,497	89.6%	2.4	50.7%	58.9%	75.4%	84.3%
1993	1,532	1,369	89.4%	2.2	54.1%	62.1%	76.4%	85.1%
1994	1,391	1,205	86.6%	2.3	53.1%	60.8%	73.3%	81.5%
1995	1,360	1,176	86.5%	2.2	56.8%	62.1%	72.2%	82.1%
1996	1,271	1,067	83.9%	1.9	59.1%	63.8%	71.4%	79.9%
1997	1,289	1,034	80.2%	2.0	55.3%	60.0%	68.5%	76.2%
1998	1,278	1,028	80.4%	2.1	55.1%	58.7%	67.1%	75.5%
1999	1,173	899	76.6%	1.6	55.8%	59.7%	67.8%	74.5%
2000	1,099	867	78.9%	1.6	56.2%	60.5%	69.9%	76.9%
2001	1,199	937	78.1%	1.3	59.2%	63.1%	71.4%	76.6%
2002	1,430	1,041	72.8%	1.5	53.9%	57.3%	64.0%	71.5%
2003	1,227	875	71.3%	1.2	54.4%	57.9%	63.7%	--
2004	1,240	857	69.1%	1.2	52.7%	56.5%	62.9%	--
2005	1,289	809	62.8%	1.2	46.8%	49.6%	56.8%	--
2006	1,338	714	53.4%	1.2	39.2%	41.5%	49.6%	--
2007	1,266	555	43.8%	1.4	28.9%	31.8%	--	--
2008	1,195	500	41.8%	1.2	28.2%	32.1%	--	--
2009	979	404	41.3%	1.0	28.8%	32.6%	--	--
2010	976	354	36.3%	0.6	28.2%	31.9%	--	--
2011	729	263	36.1%	0.4	31.3%	--	--	--
TOTAL	32,700	24,490	74.9%	2.3	46.2%	51.0%	62.2%	71.3%

**Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2011, Reported through 12/31/2012**

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/11 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2012 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2012, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2011, as Reported by Name through 12/31/2013

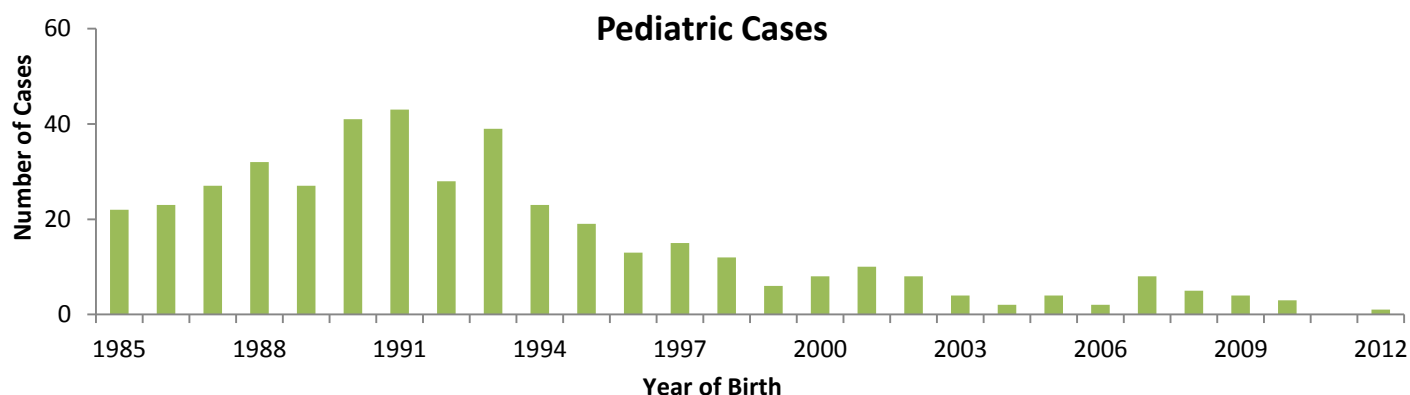


YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	75	71	94.7%	2.5	52.0%	32.0%	16.0%	13.3%
1985	107	100	93.5%	1.7	43.9%	24.3%	11.2%	9.3%
1986	179	174	97.2%	2.6	54.2%	36.3%	16.2%	9.5%
1987	263	256	97.3%	2.1	61.2%	33.1%	11.4%	5.7%
1988	429	414	96.5%	2.1	58.5%	37.8%	12.8%	5.8%
1989	553	522	94.4%	2.3	61.8%	40.7%	16.6%	8.9%
1990	763	708	92.8%	2.9	66.1%	47.8%	22.3%	13.5%
1991	950	874	92.0%	2.7	68.9%	48.3%	19.2%	13.1%
1992	1,330	1,207	90.8%	2.9	72.0%	50.9%	22.3%	16.0%
1993	1,632	1,389	85.1%	3.4	78.2%	56.3%	33.5%	22.2%
1994	1,534	1,252	81.6%	3.7	77.6%	59.5%	40.3%	25.9%
1995	1,499	1,092	72.8%	4.2	78.7%	66.8%	50.3%	37.0%
1996	1,417	945	66.7%	4.7	82.8%	76.0%	59.3%	43.4%
1997	1,245	782	62.8%	4.8	85.2%	77.8%	62.3%	46.7%
1998	1,130	666	58.9%	4.5	87.0%	80.4%	64.7%	47.9%
1999	1,096	609	55.6%	4.4	87.6%	81.1%	65.2%	50.2%
2000	970	479	49.4%	3.8	86.1%	80.6%	66.1%	54.0%
2001	1,103	550	49.9%	3.4	86.0%	77.9%	63.9%	52.3%
2002	1,060	476	44.9%	3.7	87.6%	82.2%	70.1%	56.9%
2003	969	390	40.2%	2.9	84.6%	79.4%	69.2%	--
2004	977	350	35.8%	2.7	87.4%	82.9%	72.4%	--
2005	921	287	31.2%	2.5	88.6%	83.9%	74.5%	--
2006	781	224	28.7%	2.0	88.3%	83.6%	74.1%	--
2007	639	159	24.9%	2.0	89.4%	85.8%	--	--
2008	603	143	23.7%	1.5	88.9%	84.6%	--	--
2009	566	103	18.2%	1.3	90.5%	86.9%	--	--
2010	633	91	14.4%	0.9	90.7%	87.5%	--	--
2011	517	43	8.3%	0.6	94.0%	--	--	--
TOTAL	23,941	14,356	60.0%	3.4	81.2%	70.4%	54.4%	44.7%

## Section IX – Pediatric Cases

**Figure 11 – Trends in Pediatric HIV Cases, 1985-2012, Reported through 12/31/2013**

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31<sup>st</sup> of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2012, as Reported by Name through 12/31/2013



YEAR	Pediatric Reported HIV Diagnoses				Pediatric Total Living HIV Cases
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on 12/31 of Each Year
<1985	28	4	1	0	
1985	22	8	5	1	12
1986	23	8	6	4	16
1987	27	16	10	5	26
1988	32	23	14	4	48
1989	27	28	19	5	71
1990	41	39	18	5	105
1991	43	36	26	9	131
1992	28	44	28	9	165
1993	39	45	25	12	200
1994	23	29	21	12	217
1995	19	20	14	12	229
1996	13	21	11	14	240
1997	15	11	7	6	246
1998	12	16	8	3	260
1999	6	15	8	4	269
2000	8	9	2	0	279
2001	10	9	9	3	282
2002	8	7	6	3	287
2003	4	2	1	2	287
2004	2	5	2	3	288
2005	4	1	2	0	289
2006	2	5	3	2	293
2007	8	35	6	5	322
2008	5	8	6	4	327
2009	4	6	3	1	332
2010	3	2	8	4	328
2011	0	3	6	2	330
2012	1	2	4	1	332
TOTAL	457	457	279	135	

**Table 24 – Pediatric HIV Diagnoses during 2012 and Pediatric Total Living HIV Cases, Alive on 12/31/2012, by Jurisdiction, Reported through 12/31/2013**

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Anne Arundel	0	0.0%	19	5.7%
Baltimore City	2	100.0%	238	71.7%
Baltimore	0	0.0%	52	15.7%
Carroll	0	0.0%	4	1.2%
Harford	0	0.0%	12	3.6%
Howard	0	0.0%	7	2.1%
Queen Anne's	0	0.0%	0	0.0%
TOTAL	2	100.0%	332	100.0%

**Jurisdiction of Residence at Diagnosis:** Jurisdiction of residence at time of initial HIV diagnosis for pediatric reported HIV diagnoses, and jurisdiction of residence at later of time of initial HIV diagnosis or initial AIDS diagnosis for pediatric total living HIV cases.

**Pediatric Reported HIV Diagnoses:** Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

**Pediatric Total Living HIV Cases:** Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Table 25 – Pediatric HIV Diagnosis during 2012 and Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013**

SEX AT BIRTH	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Male	0	0.0%	141	42.5%
Female	2	100.0%	191	57.5%
TOTAL	2	100.0%	332	100.0%

RACE/ETHNICITY	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Hispanic	0	0.0%	3	0.9%
Non-Hispanic	2	100.0%	329	99.1%
American Indian/ Alaska Native, only	0	0.0%	0	0.0%
Asian, only	0	0.0%	1	0.3%
Black, only	2	100.0%	296	90.0%
Native Hawaiian/Other Pacific Islander, only	0	0.0%	0	0.0%
White, only	0	0.0%	22	6.7%
Multiracial/Other	0	0.0%	10	3.0%
TOTAL	2	100.0%	332	100.0%

**Pediatric Reported HIV Diagnoses:** Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

**Pediatric Total Living HIV Cases:** Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

## Glossary of Terms

**Adult/Adolescent Living HIV Cases with AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Living HIV Cases without AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Reported AIDS Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

**Adult/Adolescent Reported HIV Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Age at AIDS Diagnosis:** Age group at time of initial AIDS diagnosis.

**Age at HIV Diagnosis:** Age group at time of initial HIV diagnosis.

**Age on [date]:** Age group of living cases on the specified date.

**AIDS Deaths:** Reported HIV diagnoses with an AIDS diagnosis that have died due to any cause.

**CD4 Result Distribution (<200, 200-349, 350-499, 500+):** Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

**Confirmed Perinatal HIV Transmissions:** Reported babies born to an HIV positive mother, with a confirmed HIV diagnosis.

**First CD4 Test Result:** First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

**Jurisdiction of Residence at AIDS Diagnosis:** Jurisdiction of residence at time of initial AIDS diagnosis.

**Jurisdiction of Residence at Diagnosis:** Jurisdiction of residence at the later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

**Jurisdiction of Residence at HIV Diagnosis:** Jurisdiction of residence at time of initial HIV diagnosis.

**Live Births:** Babies born alive in the general population.

**Living HIV Cases with AIDS:** Reported HIV diagnoses with an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Living HIV Cases without AIDS:** Reported HIV diagnoses without an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Mean Years from HIV Diagnosis (to AIDS Diagnosis):** Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

**Mean Years from AIDS diagnosis to AIDS Death:** Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

**Median:** The measure of central location which divides a set of data into two equal parts.

**Median Count (First CD4):** Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

**Median Count (Recent CD4):** Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year

**Median Unsuppressed (Viral Load):** Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year of 200 copies per milliliter or greater.

**Number Linked to Care:** Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.



**Number of Late HIV diagnosis (for HIV diagnoses):** Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

**On ART:** Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

**Pediatric Reported HIV Diagnoses:** Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

**Pediatric Total Living HIV Cases:** Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Percent Alive by Years after AIDS Diagnosis:** Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

**Percent Late HIV Diagnosis (for AIDS diagnoses):** Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

**Percent Late HIV Diagnosis (for HIV diagnoses):** Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

**Percent Linked to Care:** Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Percent Suppressed (Viral Load):** Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 200 copies per milliliter.

**Percent with AIDS:** Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis by 12/31/2011.

**Percent with AIDS by Years after HIV Diagnosis:** Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

**Perinatal HIV Transmission Rate:** Percent of confirmed perinatal HIV transmissions among reported perinatal HIV exposures.

**Population:** Population estimate for 7/1/2012.

**Population Age 13+:** Population age 13 years or older, estimate for 7/1/2012.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

**Recent CD4 Test Result:** The most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Recent Viral Load Test Result:** The most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Reported AIDS Deaths:** Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

**Reported AIDS Diagnoses:** Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

**Reported HIV Diagnoses:** Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

**Reported Perinatal HIV Exposures:** Reported babies born to an HIV positive mother during the specified year.

**Retained in HIV Care:** HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Total Living HIV Cases:** Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.



**Women of Childbearing Age Total Living HIV cases:** Reported HIV diagnoses among women of child bearing age (13-49 years old) on December 31<sup>st</sup> of the specified year